

# Jackpile Reclamation Project

## PUEBLO OF LAGUNA

Office of  
Reclamation Project Manager

P.O. BOX 194  
LAGUNA, NEW MEXICO 87028

(505) 243-7616  
(505) 552-6654  
(505) 552-6655

Confidential Claim Retracted

AUTHORIZED BY: SK

DATE: 5/16/13

### PROJECT STATUS REPORT

NO. 22

MAY, 1991

BY:

J.H. Olsen, Jr.

J.H. OLSEN, JR., PE

RECLAMATION PROJECT MANAGER



9404057

CONFIDENTIAL

POL-EPA01-0003271

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*Monthly Inspection Report-May, 1991*

## 2.1 ABSTRACT

May, 1991 marked the seventeenth month of full-scale earthmoving activities. The last of the protore (SP-PS-02) on the Paguate side of the site was placed in the South Paguate Pit. The soil cover in the North Paguate Pit was completed and will lay fallow until reseeding work later this year. The shale cover in SP-WO-10/13 was completed and the first of the soil haul in the South Paguate from SP-SB-42 was initiated. Dozer work progressed in the North Jackpile on JP-WO-18 & 66 areas. Fencing of the southeast limits of the South Paguate was completed. Semi-annual water samples were taken by Assagai Laboratories, Inc. and the annual Health & Safety Audit was conducted.

## 2.2 PROGRESS MAPS

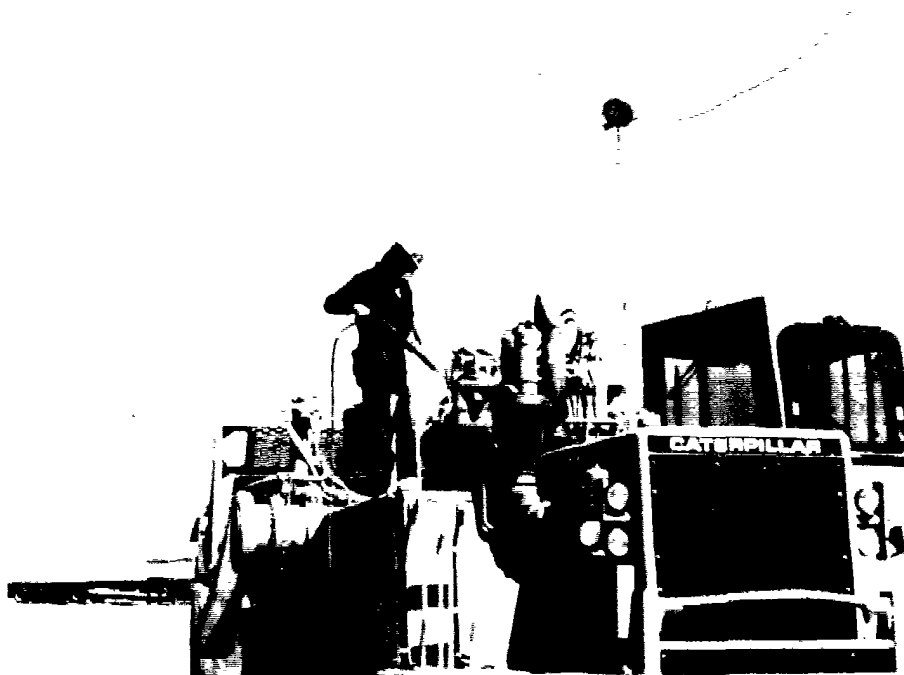
The attached progress maps indicate the percentages of completion where work is being performed.

**NOTE:** The progress maps are in the process of being digitized to cover the shale & soil cover areas in the South Paguate & the Jackpile sides of the Project Site. The updates will be included in the June, 1991 Monthly Progress Report.

### 2.3 CONSTRUCTION PHOTOS

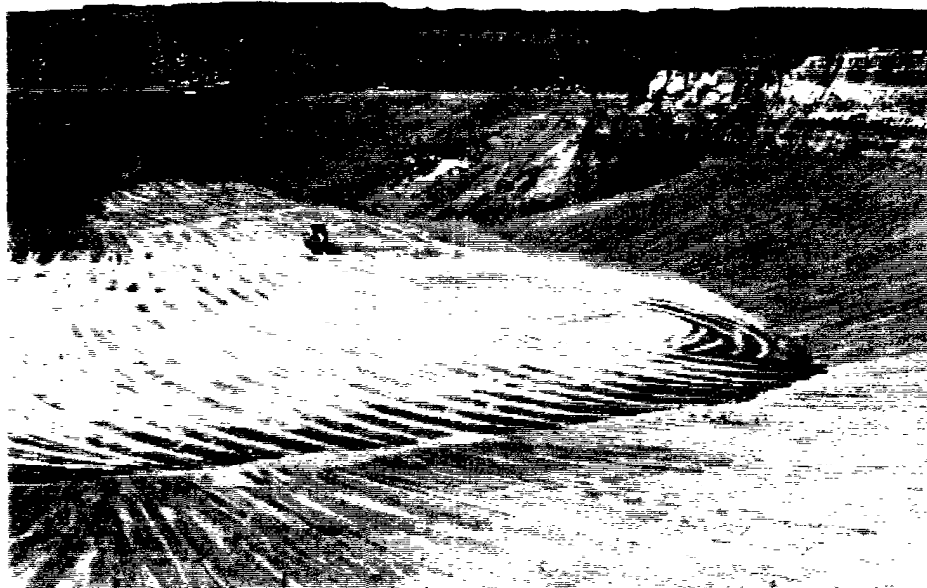


**Figure 1.** Shale cover being place on South Paguate areas SP-WO-13A and WO-10.



**Figure 2.** Daryl Begay steam cleaning Cat 631E scraper in prepartation for maintenance.

### 2.3 CONSTRUCTION PHOTOS



**Figure 3.** Final soil cover in extreme west end of the North Paguate Pit (looking SSW).



**Figure 4.** Final soil cover ready for seeding in the North Paguate Pit (looking west).

### 2.3 CONSTRUCTION PHOTOS

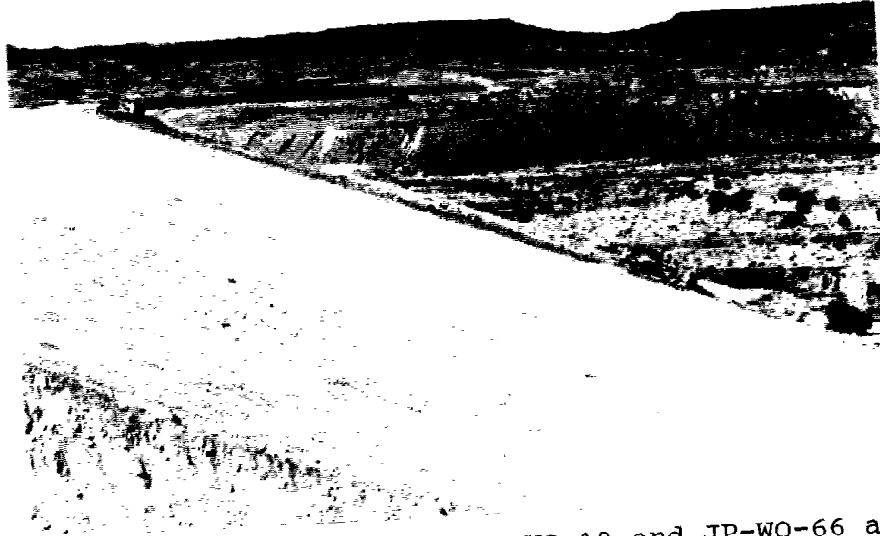


Figure 5. Dozers sloping in JP-WO-18 and JP-WO-66 areas (northwest Jackpile, looking SW).



Figure 6. Charles Yawea, Jr. and Tim Lucero servicing a Cat 14G road grader.

## 2.4 MILESTONES

- The last protore pile (SP-PS-02) on the Paguate side of the Project Site was placed in SP-OP-34; the shale cover was also placed and meets the gamma radiation standards;
- The last of the topsoil cover in the North Paguate pit was placed;
- Tom Mann, Inc. performed the semi-annual aerial photography of the Site for progress records and volume verifications;
- The Fifth Environmental Monitoring and Regulatory Compliance Quarterly Report was completed and submitted to the BIA and Laguna Construction Company;
- J. Olsen and M. Bone presented technical papers at the annual meeting of the American Society of Surface Mining and Reclamation in Durango, CO on May 14;
- Semi-annual surface and ground water samples were taken by Assagai Laboratories with assistance from the Reclamation Technicians;
- Formal approvals/closeouts of the Work Packages submitted were received from the BIA-Contracting Officer;
- The first of the South Paguate Area soil cover began from soil stockpile SP-SB-42.
- The on-site Landmark Engineer was phased out and the Roy F. Weston Engineering services and reporting functions are being phase out.



### **3.0 ACTION ITEMS**

#### **3.1 POL/RPM**

- 1) Develop 2nd Quarter, Project Year Financial Report for submittal to BIA;
- 2) Complete revisions of Project Management Plan with BIA-Project Engineer;
- 3) Initiate 3rd Annual Operating Plan process;
- 4) Complete services agreement with Eberline, Inc. for radiological services;

#### **3.2 BUREAU OF INDIAN AFFAIRS**

- 1) Complete Project Management Plan revisions;

#### **3.3 TECHNICAL SUBCONTRACTING SERVICES**

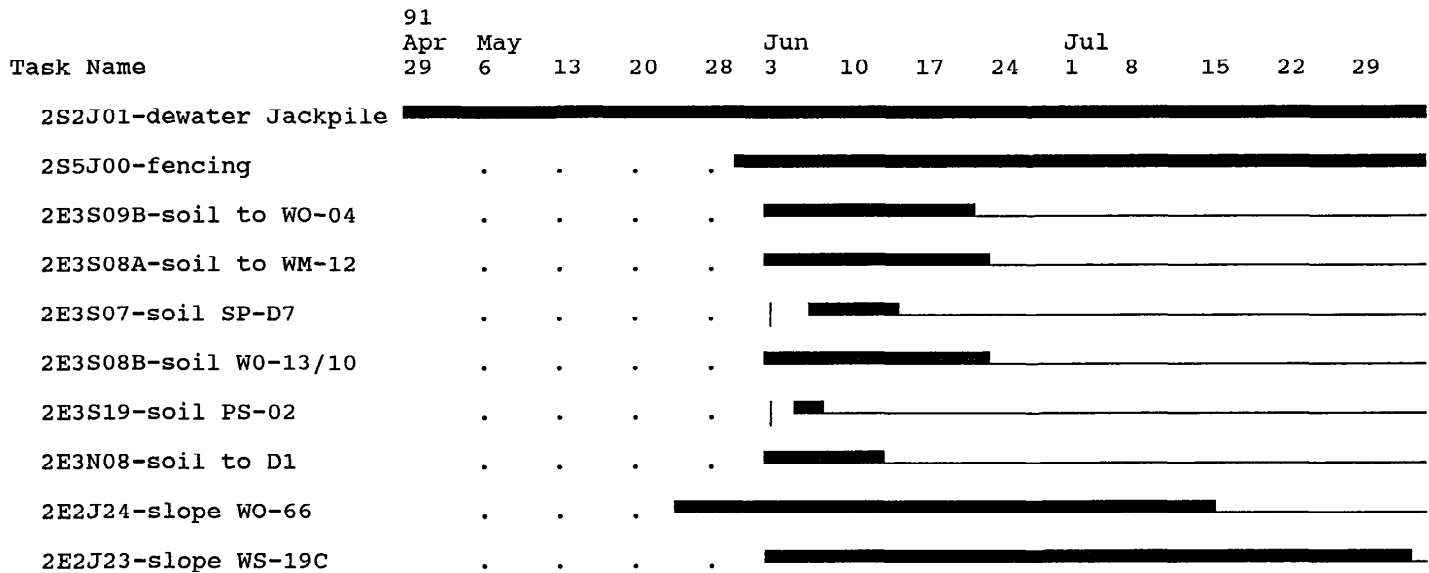
- 1) Assagai report on Water Analyses;
- 2) Roy F. Weston Engineering Health & Safety report;
- 3) Eberline Radiological services (as needed);
- 4) Qualimetrics, Inc. (new weather recorder delivery);

#### **3.4 LAGUNA CONSTRUCTION COMPANY**

- 1) Revise schedule (as needed)
- 2) Request work package closeouts/inspections (as needed);
- 3) Schedule 3rd Year Operating Plan submittals to RPM Office

**4.1 FOUR WEEK LOOKAHEAD**

Schedule Name : Four (4) Week Lookahead  
 Responsible : LCC  
 As-of Date : 3-Jun-91 9:00am Schedule File : C:\TL3\DATA\JUN91LKK



-----  
 [Solid Bar] Detail Task      ===== Summary Task      ▲ Milestone  
 [Dashed Bar] (Started)      ===== (Started)      ►► Conflict  
 [Dashed Bar] (Slack)      ===== (Slack)      .. [Solid Bar] Resource delay  
 ----- Scale: 1 day per character -----

TIME LINE Gantt Chart Report, Strip 1

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#### 4.2 PROJECT SCHEDULE

Soil haul/placement will continue in the South Paguate area with both scrapers and trucks taking soil from two borrow areas. This will be the area of concentration for the next few months, i.e., soil cover and finishing final backfill grade in SP-OP-34. Dozer work will continue on the outside slopes of the dumps of the North Jackpile area. Fencing of the east boundaries of the Project site will continue. Final building dismantling will also be scheduled so the P-10 bulkhead can be built.

### 5.1 TRACKING SUMMARY

Remaining Cost Estimate and Estimated Variance @ Completion are somewhat overstated. Values for prior work that is 100% complete are in the process of being reduced to zero except for work packages for which performance incentives are being paid. When these are completely paid out, then remaining cost estimate and remaining Estimated Variance @ Completion will be reduced to zero.

PY90

PY91

INTERIM

MOBILIZATION

## PROJECT TO DATE TRACKING

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	PTD ACTUAL EQUIP CREDIT	PTD ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
<b>MGMT CA SUMMARY</b>									
1P1	POL MANAGEMENT CA TOTAL	\$304,998.00	\$153,531.09	\$0.00	\$153,531.09	\$126,216.11	50%	50%	\$70.40
1P2	POL OTHER PROGRAMS CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P	POL MANAGEMENT TASK TOTAL	\$304,998.00	\$153,531.09	\$0.00	\$153,531.09	\$126,216.11	50%	50%	\$70.40
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	\$855,821.10	\$682,286.82	\$0.00	\$682,286.82	\$77,737.20	80%	79%	(\$2,961.89)
1C2	INTERIM CMC CA TOTAL	\$200,018.90	\$205,116.43	\$0.00	\$205,116.43	\$0.00	103%	103%	\$0.00
1C3	CO-OP AGREEMENT CONTINGENCY CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	\$1,055,840.00	\$887,403.25	\$0.00	\$887,403.25	\$77,737.20	84%	84%	(\$2,961.89)
1	MANAGEMENT TOTAL	\$1,360,838.00	\$1,040,934.34	\$0.00	\$1,040,934.34	\$203,953.31	76%	76%	(\$2,891.49)

<b>CONST CA SUMRY</b>									
2L1	LCC COSTS CA TOTAL	\$810,300.00	\$811,000.40	\$0.00	\$811,000.40	\$0.00	100%	100%	\$0.00
2L2	LCC START-UP COSTS CA TOTAL	\$586,100.00	\$491,501.20	\$0.00	\$491,501.20	\$36,789.00	84%	84%	\$552.00
2L	LCC ADMINISTRATION TASK TOTAL	\$1,396,400.00	\$1,302,501.60	\$0.00	\$1,302,501.60	\$36,789.00	93%	100%	\$552.00
2M1	MOBILIZATION CA TOTAL	\$444,617.00	\$440,076.57	\$50.52	\$440,026.05	\$0.00	99%	99%	\$0.00
2M2	LAND SURVEY CA TOTAL	\$384,150.00	\$184,077.33	\$4,377.07	\$179,700.26	\$213,865.38	48%	64%	\$105,001.58
2M3	LCC TRAINING CA TOTAL	\$271,028.00	\$158,487.38	\$3,635.60	\$154,851.78	\$76,974.12	58%	57%	(\$112.52)
2M	MOBILIZATION TASK TOTAL	\$1,100,395.00	\$782,641.28	\$8,063.19	\$774,578.09	\$290,839.50	71%	78%	\$104,889.05
2E1	BACKFILLING CA TOTAL	\$6,625,200.99	\$4,200,155.87	\$897,490.79	\$3,302,665.08	\$2,471,933.12	63%	63%	\$1,347,511.67
2E2	DUMP SLOPING CA TOTAL	\$3,651,221.49	\$2,225,321.41	\$460,695.68	\$1,764,625.73	\$1,425,900.08	61%	58%	\$593,998.11
2E3	COVER PLACEMENT CA TOTAL	\$3,510,960.13	\$1,476,279.11	\$327,143.69	\$1,149,135.42	\$2,034,681.02	42%	43%	\$842,831.47
2E4	CONTAMINATED SOIL CA TOTAL	\$371,569.00	\$314,942.47	\$72,650.71	\$242,291.76	\$56,626.53	85%	70%	\$27,452.30
2E5	HIGHWALL CA TOTAL	\$152,516.00	\$59,327.23	\$190.14	\$59,137.09	\$234,417.77	39%	40%	\$4,280.46
2E6	EROSION CONTROL CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E	EARTHWORK TASK TOTAL	\$14,311,467.61	\$8,276,028.09	\$1,758,171.01	\$6,517,855.08	\$6,223,558.52	58%	57%	\$2,818,074.01
2S1	UG ENTRIES ABANDON CA TOTAL	\$67,542.00	\$12,558.98	\$68.18	\$12,490.80	\$54,983.02	19%	37%	\$34,104.74
2S2	PIT WATER CA TOTAL	\$416,900.00	\$404,202.09	\$97,117.17	\$307,174.02	\$12,697.91	97%	78%	\$14,367.08
2S3	SS DEMOLITION CA TOTAL	\$175,829.00	\$138,066.69	\$3,690.00	\$134,376.69	\$37,762.31	79%	82%	\$11,640.55
2S4	SS DECON CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2S5	PERMANENT STRUCTURES CA TOTAL	\$151,565.00	\$118,824.39	\$1,833.14	\$116,991.25	\$32,740.61	78%	75%	(\$4,423.33)
2S	STRUCTURES TASK TOTAL	\$811,926.00	\$673,742.15	\$102,708.49	\$571,033.66	\$138,183.85	83%	76%	\$55,879.04
2R1	SEEDING CA SUBTOTAL	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
2R2	IRRIGATION CA SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R	REVEGETATION TASK TOTAL	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
2	CONSTRUCTION TOTAL	\$17,675,105.61	\$11,066,215.12	\$1,868,942.69	\$9,197,272.43	\$6,712,983.87	63%	63%	\$3,000,807.10

<b>JACKPILE PROJECT SUMMARY</b>									
1	MANAGEMENT TOTAL	\$1,360,838.00	\$1,040,934.34	N/A	\$1,040,934.34	\$203,953.31	76%	76%	(\$2,891.49)
2	CONSTRUCTION TOTAL	\$17,675,105.61	\$11,066,215.12	\$1,868,942.69	\$9,197,272.43	\$6,712,983.87	63%	63%	\$3,000,807.10

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POL-EPA01-0003284

DETAIL FOR PTD

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
GRAND TOTAL		\$19,035,943.61	\$12,107,149.46	\$1,868,942.69	\$10,238,206.77	\$6,916,937.18	64%	64%	\$2,997,915.61

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# JACKPILE PROJECT TO DATE: SUMMARY 1

PY90

PY91

INTERIM

MOBILIZATION

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	ACTUAL COST PY90	ACTUAL COST PY91	TOTAL PTD ACTUAL COST PY90 & PY91	TOTAL COST ESTIMATE
<b>MGMT CA SUMMARY</b>					
1P1	POL MANAGEMENT CA TOTAL	\$85,607.08	\$67,924.01	\$153,531.09	\$904,998.00
1P2	POL OTHER PROGRAMS CA TOTAL	\$0.00	\$0.00	\$0.00	\$1,006,614.00
1P	POL MANAGEMENT TASK TOTAL	\$85,607.08	\$67,924.01	\$153,531.09	\$1,911,612.00
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	\$444,897.02	\$237,389.80	\$682,286.82	\$1,205,821.10
1C2	INTERIM CMC CA TOTAL	\$205,116.43	\$0.00	\$205,116.43	\$200,018.90
1C3	CO-OP AGREEMENT CONTINGENCY CA TOTAL	\$0.00	\$0.00	\$0.00	\$2,500,000.00
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	\$650,013.45	\$237,389.80	\$887,403.25	\$3,905,840.00
1	MANAGEMENT TOTAL	\$735,620.53	\$305,313.81	\$1,040,934.34	\$5,817,452.00

<b>CONST CA SUMRY</b>					
2L1	LCC COSTS CA TOTAL	\$820,363.40	(\$9,363.00)	\$811,000.40	\$810,300.00
2L2	LCC START-UP COSTS CA TOTAL	\$382,790.20	\$108,711.00	\$491,501.20	\$886,100.00
2L	LCC ADMINISTRATION TASK TOTAL	\$1,203,153.60	\$99,348.00	\$1,302,501.60	\$1,896,400.00
2M1	MOBILIZATION CA TOTAL	\$424,530.29	\$15,546.28	\$440,076.57	\$461,363.00
2M2	LAND SURVEY CA TOTAL	\$131,705.71	\$52,371.62	\$184,077.33	\$551,873.00
2M3	LCC TRAINING CA TOTAL	\$135,461.50	\$23,025.88	\$158,487.38	\$486,228.00
2M	MOBILIZATION TASK TOTAL	\$691,697.50	\$90,943.78	\$782,641.28	\$1,499,464.00
2E1	BACKFILLING CA TOTAL	\$3,104,841.60	\$1,095,314.27	\$4,200,155.87	\$13,718,836.00
2E2	DUMP SLOPING CA TOTAL	\$1,436,751.40	\$788,570.01	\$2,225,321.41	\$7,564,988.00
2E3	COVER PLACEMENT CA TOTAL	\$194.07	\$1,476,085.04	\$1,476,279.11	\$11,745,735.00
2E4	CONTAMINATED SOIL CA TOTAL	\$117,322.06	\$197,620.41	\$314,942.47	\$323,637.00
2E5	HIGHWALL CA TOTAL	\$58,321.27	\$1,005.96	\$59,327.23	\$396,732.00
2E6	EROSION CONTROL CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00
2E	EARTHWORK TASK TOTAL	\$4,717,430.40	\$3,558,595.69	\$8,276,026.09	\$33,749,928.00
2S1	UG ENTRIES ABANDON CA TOTAL	\$12,300.80	\$258.18	\$12,558.98	\$128,147.00
2S2	PIT WATER CA TOTAL	\$388,455.50	\$15,836.59	\$404,292.09	\$416,990.00
2S3	SS DEMOLITION CA TOTAL	\$137,009.53	\$1,057.16	\$138,066.69	\$175,829.00
2S4	SS DECON CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00
2S5	PERMANENT STRUCTURES CA TOTAL	\$72,316.96	\$46,507.43	\$118,824.39	\$278,783.00
2S	STRUCTURES TASK TOTAL	\$610,082.79	\$63,650.36	\$673,742.15	\$999,749.00
2R1	SEEDING CA SUBTOTAL	\$31,304.00	\$0.00	\$31,304.00	\$1,738,609.00
2R2	IRRIGATION CA SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00
2R	REVEGETATION TASK TOTAL	\$31,304.00	\$0.00	\$31,304.00	\$1,738,609.00
2	CONSTRUCTION TOTAL	\$7,253,668.29	\$3,812,546.83	\$11,066,215.12	\$45,303,305.00

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JACKPILE PROJECT SUMMARY					
1	MANAGEMENT TOTAL	\$735,620.53	\$305,313.81	\$1,040,934.34	\$5,817,452.00
2	CONSTRUCTION TOTAL	\$7,253,668.29	\$3,812,546.83	\$11,066,215.12	\$45,303,305.00
GRAND TOTAL		\$7,989,288.82	\$4,117,860.64	\$12,107,149.46	\$51,120,757.00

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# JACKPILE

## PROJECT TO DATE: SUMMARY 2

(ACTUALS INCLUDED IN PY91)

PY90

PY91

INTERIM

MOBILIZATION

WBS ID NO.	WORK PACKAGE DESCRIPTION	YTD ACTUAL COST	YTD ACTUAL EQUIP CREDIT	YTD ACTUAL CASH FLOW
<b>MGMT CA SUMMARY</b>				
1P1	POL MANAGEMENT CA TOTAL	\$67,924.01	\$0.00	\$67,924.01
1P2	POL OTHER PROGRAMS CA TOTAL	\$0.00	\$0.00	\$0.00
1P	POL MANAGEMENT TASK TOTAL	\$67,924.01	\$0.00	\$67,924.01
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	\$237,389.80	\$0.00	\$237,389.80
1C2	INTERIM CMC CA TOTAL	\$0.00	\$0.00	\$0.00
1C3	CO-OP AGREEMENT CONTINGENCY CA TOTAL	\$0.00	\$0.00	\$0.00
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	\$237,389.80	\$0.00	\$237,389.80
1	MANAGEMENT TOTAL	\$305,313.81	\$0.00	\$305,313.81

<b>CONST CA SUMMARY</b>				
2L1	LCC COSTS CA TOTAL	\$0.00	\$0.00	\$0.00
2L2	LCC START-UP COSTS CA TOTAL	\$108,711.00	\$0.00	\$108,711.00
2L	LCC ADMINISTRATION TASK TOTAL	\$108,711.00	\$0.00	\$108,711.00
2M1	MOBILIZATION CA TOTAL	\$14,115.43	\$28.62	\$14,086.81
2M2	LAND SURVEY CA TOTAL	\$45,926.74	\$1,113.67	\$44,813.07
2M3	LCC TRAINING CA TOTAL	\$15,271.12	\$0.00	\$15,271.12
2M	MOBILIZATION TASK TOTAL	\$75,313.29	\$1,142.29	\$74,171.00
2E1	BACKFILLING CA TOTAL	\$918,646.07	\$126,662.38	\$791,983.69
2E2	DUMP SLOPING CA TOTAL	\$720,062.10	\$115,749.07	\$604,313.03
2E3	COVER PLACEMENT CA TOTAL	\$1,140,259.98	\$235,764.94	\$904,475.04
2E4	CONTAMINATED SOIL CA TOTAL	\$193,356.37	\$44,671.17	\$148,685.20
2E5	HIGHWALL CA TOTAL	\$1,005.96	\$190.14	\$815.82
2E6	EROSION CONTROL CA TOTAL	\$0.00	\$0.00	\$0.00
2E	EARTHWORK TASK TOTAL	\$2,973,330.48	\$523,057.70	\$2,450,272.78
2S1	UG ENTRIES ABANDON CA TOTAL	\$258.18	\$58.18	\$200.00
2S2	PIT WATER CA TOTAL	\$13,430.51	\$571.12	\$12,859.39
2S3	SS DEMOLITION CA TOTAL	\$1,057.16	\$30.21	\$1,026.95
2S4	SS DECON CA TOTAL	\$0.00	\$0.00	\$0.00
2S5	PERMANENT STRUCTURES CA TOTAL	\$39,008.05	\$663.77	\$38,344.28
2S	STRUCTURES TASK TOTAL	\$53,753.80	\$1,323.28	\$52,430.62
2R1	SEEDING CA SUBTOTAL	\$0.00	\$0.00	\$0.00
2R2	IRRIGATION CA SUBTOTAL	\$0.00	\$0.00	\$0.00
2R	REVEGETATION TASK TOTAL	\$0.00	\$0.00	\$0.00
2	CONSTRUCTION TOTAL	\$3,211,108.67	\$525,523.27	\$2,685,585.40

CONFIDENTIAL

POL-EPA01-0003288

## DETAIL FOR PY91

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
JACKPILE PROJECT SUMMARY				
1	MANAGEMENT TOTAL	\$305,313.81	N/A	\$305,313.81
2	CONSTRUCTION TOTAL	\$3,211,108.67	\$525,523.27	\$2,685,585.40
GRAND TOTAL		\$3,516,422.48	\$525,523.27	\$2,990,899.21

\$0.00  
\$0.00

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POL-EPA01-0003289

# DETAIL FOR PTD

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
<b>POL MGMT</b>									
1P1L01	PROJECT MANAGEMENT - PY90	\$110,859.00	\$85,007.08	\$0.00	\$85,007.08	\$0.00	77%	100%	\$0.00
1P1L01A	PROJECT MANAGEMENT - PY91	\$194,139.00	\$67,924.01	\$0.00	\$67,924.01	\$126,214.99	35%	35%	\$70.40
1P1L01B		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P1L01C		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P1L01D		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P1	POL MANAGEMENT CA TOTAL	\$304,998.00	\$153,531.09	\$0.00	\$153,531.09	\$126,216.11	50%	50%	\$70.40
<b>A/E</b>									
1P2L01	PRIOR DESIGN AND SPECIFICATIONS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P2L02	PRIOR LEGAL EXPENSE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P2L03	PRIOR POL EXPENSE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P2	ENGINEERING CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1P	POL MANAGEMENT TASK TOTAL	\$304,998.00	\$153,531.09	\$0.00	\$153,531.09	\$126,216.11	50%	50%	\$70.40
<b>CMC</b>									
1C1L01	ENGINEERING SERVICES CONTRACT - PY90	\$434,040.00	\$394,156.74	\$0.00	\$394,156.74	\$0.00	91%	100%	\$0.00
1C1L01A	ENGINEERING SERVICES CONTRACT - PY91	\$204,842.00	\$150,301.59	\$0.00	\$150,301.59	\$54,540.41	73%	75%	\$4,439.88
1C1L03	NO WORK PACKAGE ASSIGNED TO THIS WBS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C1L04	NO WORK PACKAGE ASSIGNED TO THIS WBS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C1L05	ENVIRONMENTAL MONITORING: PY90	\$106,654.10	\$50,740.28	\$0.00	\$50,740.28	\$0.00	48%	100%	\$0.00
1C1L05A	ENVIRONMENTAL MONITORING: PY91	\$110,285.00	\$87,088.21	\$0.00	\$87,088.21	\$23,196.79	79%	74%	(\$7,401.77)
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	\$855,821.10	\$682,286.82	\$0.00	\$682,286.82	\$77,737.20	80%	79%	(\$2,961.89)
<b>INTERIM CMC</b>									
1C2L01	COMPLETE 1989 (CONST. MGMT.)	\$116,337.65	\$115,775.00	\$0.00	\$115,775.00	\$0.00	100%	100%	\$0.00
1C2L02	COMPLETE 1989 (CMC PURCHASES)	\$5,392.35	\$5,392.35	\$0.00	\$5,392.35	\$0.00	100%	100%	\$0.00
1C2L03B	COMPLETE 1990 (ENV. MONITORING)	\$78,288.90	\$83,949.08	\$0.00	\$83,949.08	\$0.00	107%	100%	\$0.00
1C2	INTERIM CMC CA TOTAL	\$200,018.90	\$205,116.43	\$0.00	\$205,116.43	\$0.00	103%	103%	\$0.00
<b>CONTINGENCY</b>									
1C3L01	MITIGATION PER CO-OP AGREEMENT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C3L02	REVEGETATION PER CO-OP AGREEMENT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C3	CO-OP AGREEMENT CONTINGENCY CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
1C3	CONSTRUCTION MANAGEMENT TASK TOTAL	\$1,055,840.00	\$887,403.25	\$0.00	\$887,403.25	\$77,737.20	84%	80%	(\$2,961.89)

CONFIDENTIAL

POL-EPA01-0003290

# DETAIL FOR PTD

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
1	MANAGEMENT TOTAL	\$1,360,836.00	\$1,040,934.34	\$0.00	\$1,040,934.34	\$203,953.31	76%	76%	(\$2,891.49)

<b>LCC ADMIN</b>									
2L1L01	COMPLETE 1990 (LCC G&A)	\$810,300.00	\$811,000.40	\$0.00	\$811,000.40	\$0.00	100%	100%	\$0.00
2L1L02	DELETED 1990 (LCC MARGIN)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	N/A

2L1	LCC COSTS CA TOTAL	\$810,300.00	\$811,000.40	\$0.00	\$811,000.40	\$0.00	100%	100%	\$0.00
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2L2L01	COMPLETE 1990 (LCC MOB. G&A)	\$119,100.00	\$89,400.00	\$0.00	\$89,400.00	\$0.00	75%	100%	\$0.00
2L2L02	LCC INSURANCE: INTERIM - PY90	\$145,500.00	\$117,390.20	\$0.00	\$117,390.20	\$0.00	81%	100%	\$0.00
2L2L02A	LCC INSURANCE: INTERIM - PY91	\$145,500.00	\$108,711.00	\$0.00	\$108,711.00	\$36,789.00	75%	75%	\$552.00
2L2L03	COMPLETE 1990 (LCC ADMIN COSTS)	\$176,000.00	\$176,000.00	\$0.00	\$176,000.00	\$0.00	100%	100%	\$0.00

2L2	LCC START-UP COSTS CA TOTAL	\$586,100.00	\$491,501.20	\$0.00	\$491,501.20	\$36,789.00	84%	84%	\$552.00
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2L	LCC ADMINISTRATION TASK TOTAL	\$1,396,400.00	\$1,302,501.60	\$0.00	\$1,302,501.60	\$36,789.00	93%	100%	\$552.00
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<b>MOBILIZATION</b>									
2M1L01	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2M1L05	COMPLETE 1990 (SMALL TOOLS)	\$83,724.00	\$61,934.04	\$0.00	\$61,934.04	\$0.00	97%	100%	\$0.00
2M1L06	COMPLETE 1990 (REMODELING)	\$46,520.00	\$50,732.20	\$0.00	\$50,732.20	\$0.00	109%	100%	\$0.00
2M1L07	COMPLETE 1990 (RECONDITIONING)	\$87,103.00	\$113,909.36	\$19.38	\$113,889.98	\$0.00	117%	100%	\$0.00
2M1L08	COMPLETE 1990 (SHOPS)	\$192,210.00	\$190,603.34	\$0.00	\$190,603.34	\$0.00	99%	100%	\$0.00
2M1X01	BARRICADING ROAD CLOSURE	\$45,000.00	\$22,897.63	\$31.14	\$22,866.49	\$0.00	51%	100%	\$0.00

2M1	MOBILIZATION CA TOTAL	\$444,617.00	\$440,076.57	\$50.52	\$440,026.05	\$0.00	99%	99%	\$0.00
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<b>LAND SURVEY</b>									
2M2N01	LAND SURVEY NP AREA	\$117,913.00	\$131,705.71	\$2,550.04	\$129,155.67	\$0.00	112%	100%	\$0.00
2M2S01	LAND SURVEY SP AREA	\$266,237.00	\$52,371.62	\$1,827.03	\$50,544.59	\$213,865.38	20%	33%	\$105,001.58
2M2J01	LAND SURVEY JP AREA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

2M2	LAND SURVEY CA TOTAL	\$384,150.00	\$184,077.33	\$4,377.07	\$179,700.26	\$213,865.38	48%	64%	\$105,001.58
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<b>TRAINING</b>									
2M3L01	COMPLETE 1990 (MOB. OP. TRAINING)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2M3L02	OPERATOR TRAINING: EARTHWORK - PY90	\$171,628.00	\$135,461.50	\$3,635.60	\$131,825.90	\$0.00	79%	100%	\$0.00
2M3L02A	OPERATOR TRAINING: EARTHWORK - PY91	\$100,000.00	\$23,025.88	\$0.00	\$23,025.88	\$76,974.12	23%	23%	(\$112.52)

2M3	LCC TRAINING CA TOTAL	\$271,628.00	\$158,487.38	\$3,635.60	\$154,851.78	\$76,974.12	58%	57%	(\$112.52)
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2M	MOBILIZATION TASK TOTAL	\$1,100,395.00	\$782,841.28	\$8,063.19	\$774,578.09	\$290,839.50	71%	78%	\$104,889.05
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<b>CONFIDENTIAL</b>									
2E1N01	COMPLETE 1990 (NP HAUL ROADS)	\$60,352.00	\$87,120.86	\$12,184.44	\$74,936.42	(\$26,758.86)	144%	100%	(\$14,584.42)

POL-EPA01-0003291

# DETAIL FOR PTD

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E1N02	HAUL TO NP PIT: NP-PS-17	\$1,838,682.00	\$1,125,795.87	\$288,214.26	\$837,581.61	\$712,886.13	61%	100%	\$512,804.39
2E1N03	COMPLETED 1990 (NP-PS-18)	\$1,313,140.00	\$902,627.81	\$222,620.62	\$680,007.19	\$410,512.19	69%	100%	\$204,800.00
2E1N04	COMPLETED 1990 (NP-PS-14)	\$413,123.00	\$173,358.58	\$30,389.74	\$142,968.84	\$239,766.42	42%	100%	\$120,000.00
2E1N05	COMPLETED 1990 (NP-PS-15)	\$408,830.00	\$197,298.74	\$33,927.65	\$163,368.09	\$211,534.26	48%	100%	\$105,000.00
2E1N06	COMPLETED 1990 (NP-PS-16)	\$257,759.00	\$210,848.58	\$39,889.15	\$170,959.43	\$46,910.42	82%	100%	\$0.00
2E1N07	COMPLETE 1990 (SP-PS-01)	\$1,616,723.00	\$1,032,970.57	\$213,963.59	\$819,012.98	\$583,746.43	64%	100%	\$291,200.00
2E1N08	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1N09	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1N10	HAUL TO NP PIT: NP-WT-10	\$102,087.00	\$82,462.80	\$9,653.05	\$52,809.75	\$39,604.20	81%	100%	\$21,193.25
2E1N11	COMPLETE 1990 (NP-PS-13)	\$149,157.00	\$150,580.64	\$18,071.14	\$132,489.50	(\$1,403.64)	101%	100%	(\$14,403.50)
2E1N12	COMPLETE 1990 (NP-WS-19)	\$148,393.00	\$48,316.68	\$0.00	\$48,316.68	\$100,076.32	33%	100%	\$100,076.32
	NP BACKFILLING SUBTOTAL	\$6,308,226.00	\$3,991,362.13	\$868,913.64	\$3,122,448.49	\$2,316,863.87	63%	63%	\$1,326,886.04
2E1S01	CONSTRUCT SP HAUL ROADS	\$87,899.00	\$41,601.75	\$5,609.10	\$35,992.65	\$46,297.25	47%	85%	\$23,472.71
2E1S02	HAUL SP-PS-02 TO SP-OP-34	\$120,303.99	\$120,303.99	\$22,894.92	\$97,409.07	\$0.00	100%	100%	(\$2,647.08)
2E1S03	SP-PS-02 ADDITIONAL VOLUME	\$46,888.00	\$46,888.00	\$0.00	\$46,888.00	\$0.00	100%	100%	\$0.00
	SP BACKFILLING SUBTOTAL	\$208,202.99	\$208,793.74	\$28,504.02	\$180,289.72	\$46,297.25	100%	98%	\$20,825.63
2E1J01	CONSTRUCT JP HAUL ROADS & RAMPS	\$108,772.00	\$0.00	\$73.13	(\$73.13)	\$108,772.00	0%	0%	\$0.00
2E1J02	HAUL JP-PS-23 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J03	HAUL JP-PS-24 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J04	HAUL JP-PS-25 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J05	HAUL JP-PS-26 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J06	HAUL JP-WO-10 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J07	HAUL JP-PS-27 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J08	HAUL JP-WO-07 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J09	HAUL JP-WO-12 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J10	HAUL JP-WS-08 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J11	HAUL JP-WS-15 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J12	HAUL JP-WO-71 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J13	HAUL JP-WO-03 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J14	HAUL JP-WS-13/WO-20 TO JP-OP-42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E1J15	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP BACKFILLING SUBTOTAL	\$108,772.00	\$0.00	\$73.13	(\$73.13)	\$108,772.00	0%	0%	\$0.00

2E1	BACKFILLING CA TOTAL	\$6,625,200.99	\$4,200,155.87	\$897,490.79	\$3,302,665.08	\$2,471,933.12	63%	63%	\$1,347,511.67
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DUMP SLOPING									
2E2N01	DELETED 1990 (NP-WO-01)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2N02	CUT SLOPES NP-WO-02(BENEATH NP-PS-17)	\$195,272.00	\$12,330.04	\$2,255.93	\$10,074.11	\$182,941.96	6%	100%	\$140,676.89
2E2N03	CUT NP-WS-03 SLOPES	\$25,578.00	\$15,851.29	\$2,787.89	\$13,053.40	\$9,724.71	62%	100%	\$9,691.60
2E2N04	COMPLETE 1990 (NP-WO-04)	\$24,959.00	\$20,111.21	\$3,406.72	\$16,704.49	\$4,847.79	81%	100%	\$0.00
2E2N05	CUT NP-WO-06 SLOPES	\$23,741.00	\$494.43	\$41.68	\$452.75	\$23,246.57	2%	2%	(\$9,821.50)
2E2N06	CUT NP-WT-09 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2N07	REGRADE NP-DN-22	\$13,811.49	\$13,811.49	\$2,440.85	\$11,370.64	(\$0.00)	100%	100%	(\$475.15)
2E2N08	CUT NP-WM-12 SLOPES	\$14,262.00	\$4,993.22	\$907.31	\$4,085.91	\$9,268.78	35%	100%	\$10,178.09
2E2N09	COMPLETE 1990 (NP-HW-25)	\$24,309.00	\$15,690.44	\$1,560.41	\$14,130.03	\$8,618.56	65%	100%	\$0.00
	NP DUMP SLOPING SUBTOTAL	\$321,930.49	\$83,282.12	\$13,410.79	\$69,871.33	\$238,648.77	26%	100%	\$247.93
	COMPLETED 1990 (SP-WO-13A/WO-10)	\$156,202.00	\$58,795.69	\$6,964.98	\$51,830.71	\$97,406.77	38%	100%	\$0.00

CONFIDENTIAL

POL-EPA01-0003292

# DETAIL FOR PTD

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E2S02	CUT SP-WS-17 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S03	CUT SP-WO-13B/WS-18A SLOPES	\$1,013,795.00	\$934,647.73	\$213,553.23	\$721,094.50	\$79,147.27	92%	93%	\$27,239.57
2E2S04	COMPLETE 1990 (SP-WO-14)	\$54,671.00	\$39,385.38	\$5,621.00	\$33,764.38	\$15,285.64	72%	100%	\$0.00
2E2S05	CUT SP-WS-18B SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S06	COMPLETED 1990 (SP-WS-18C/WT-19)	\$894,880.00	\$534,655.55	\$123,410.45	\$411,245.10	\$160,224.45	77%	100%	\$80,000.00
2E2S07	COMPLETED 1990 (SP-WT-03)	\$42,786.00	\$30,433.21	\$3,063.78	\$27,349.43	\$12,352.79	71%	100%	\$0.00
2E2S08	DELETED 1990 (SP-WT-05)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S09	COMPLETE 1990 (SP-WO-38)	\$2,377.00	\$1,638.25	\$197.80	\$1,440.45	\$738.75	69%	100%	\$0.00
2E2S10	DELETED 1990 (SP-WS-06)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S11	COMPLETE 1990 (SP-WT-19A)	\$36,843.00	\$23,369.65	\$397.22	\$22,972.43	\$13,473.35	63%	100%	\$0.00
2E2S12	COMPLETED 1990 (SP-WM-12/WS-11)	\$50,512.00	\$44,187.45	\$7,006.12	\$37,181.33	\$6,324.55	87%	100%	\$0.00
2E2S13	DELETED 1990 (SP-WT-15A/15B)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S14	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S15	COMPLETE 1990 (SP-WT-16/WT-37)	\$34,710.00	\$24,280.44	\$2,994.50	\$21,285.94	\$10,429.56	70%	100%	\$0.00
2E2S16	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S17	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S18	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2S19	COMPLETED 1990 (SP-MISCELLANEOUS SLOPES)	\$5,080.00	\$3,690.12	\$530.73	\$3,159.39	\$1,389.88	73%	100%	\$0.00
SP DUMP SLOPING SUBTOTAL		\$2,091,856.00	\$1,695,083.45	\$363,759.81	\$1,331,323.64	\$396,772.55	81%	89%	\$155,239.57
2E2J01	CUT JP-WO-11 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J02	CUT JP-WT-16D SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J03	CUT JP-WS-17 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J04	CUT JP-PS-22 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J05	CUT JP-WO-72 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J06	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J07	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J08	CUT JP-WS-01 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J09	DELETED 1990 (JP-WT-02A/02B/02C)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J10	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J11	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J12	CUT JP-WO-06 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J13	CUT JP-WS-08/12 SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J14	CUT JP-WO-11 SLOPES	\$721,679.00	\$332,862.30	\$62,632.42	\$270,229.88	\$388,816.70	46%	95%	\$218,250.49
2E2J15	CUT JP-WS-15A/15B SLOPES	\$157,141.00	\$45,761.74	\$8,560.86	\$37,200.88	\$111,379.26	29%	100%	\$72,260.12
2E2J16	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J17	CUT JP-WS-16A/16B/16C SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J18	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J19	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J20	CUT SLOPES JP-WO-14 (NORTH SLOPES)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J21	CUT JP-WS-19A SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J22	CUT JP-WS-19B SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J23	CUT JP-WS-19C SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J24	CUT JP-WO-66 SLOPES	\$258,203.00	\$23,961.87	\$4,261.76	\$19,700.11	\$234,241.13	9%	0%	\$0.00
2E2J25	DELETED 1990 (JP-WO-70)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J26	CUT JP-WO-18/66A SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J27	CUT JP-WO-18/66B SLOPES	\$100,412.00	\$44,369.93	\$8,070.04	\$36,299.89	\$56,042.07	44%	0%	\$0.00
2E2J28	CUT JP-WO-18/66C SLOPES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

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POL-EPA01-0003293

# DETAIL FOR PTD

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E2J29	DELETED 1990 (JP-WO-03A)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J30	DELETED 1990 (JP-WO-03B)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J31	DELETED 1990 (JP-WO-04A)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J32	DELETED 1990 (JP-WO-04B)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J33	DELETED 1990 (JP-WO-05A)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E2J34	DELETED 1990 (JP-WO-05B)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP DUMP SLOPING SUBTOTAL	\$1,237,435.00	\$446,955.84	\$83,525.08	\$363,430.76	\$790,479.16	36%	38%	\$290,510.61

2E2	DUMP SLOPING CA TOTAL	\$3,651,221.49	\$2,225,321.41	\$480,695.68	\$1,784,625.73	\$1,425,900.08	61%	58%	\$593,998.11
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COVER PLACEMENT									
2E3N01	HAUL SOIL FROM NP-SB-61 TO NP-D8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N02	HAUL SOIL FROM NP-SB-26 TO NP-D2	\$177,823.00	\$182,140.04	\$40,430.52	\$141,709.52	(\$4,317.04)	102%	100%	\$20,787.48
2E3N03	HAUL SOIL FROM NP-SB-27 TO NP-D7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N04	HAUL SOIL FROM NP-SB-27 TO NP-D9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N05	HAUL SOIL FROM NP-SB-27 TO NP-D6	\$246,424.00	\$194.07	\$0.00	\$194.07	\$246,229.93	0%	0%	\$0.00
2E3N06	HAUL SOIL FROM NP-SB-61 TO NP-D9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N07	HAUL SOIL FROM SP-DN-61 TO NP-D4	\$149,246.00	\$114,081.24	\$26,298.92	\$87,782.32	\$35,164.76	76%	100%	\$16,800.68
2E3N08	HAUL SOIL FROM SP-DN-61 TO NP-D1	\$118,032.00	\$101,519.33	\$9,193.68	\$92,325.67	\$14,512.67	87%	0%	\$0.00
2E3N09	HAUL SOIL FROM SP-DN-61 TO NP-D3	\$203,056.00	\$195,091.69	\$42,798.01	\$152,293.68	\$7,964.31	96%	100%	(\$10,003.69)
2E3N10	HAUL SOIL FROM SP-DN-61 TO NP-D5	\$232,064.00	\$145,056.89	\$34,067.07	\$110,989.82	\$87,007.11	63%	100%	\$51,627.18
2E3N11	HAUL SOIL FROM SP-DN-61 TO NP-D10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N12	DELETED 1990 (NP-WS-31)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N13	HAUL SHALE FROM NP-WS-31 TO NP-D9	\$73,235.00	\$26,023.87	\$4,732.41	\$21,291.46	\$47,211.13	36%	100%	\$51,943.54
2E3N14	SHALE BORROW TO NP-D4	\$49,144.13	\$49,144.13	\$11,382.07	\$37,762.06	\$0.00	100%	100%	\$11,382.07
2E3N15	SHALE BORROW TO NP-D5	\$136,500.00	\$96,946.30	\$23,191.46	\$73,754.84	\$39,553.70	71%	100%	\$62,745.16
2E3N16	HAUL SHALE FROM NP-WS-31 TO NP-D8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N17	HAUL SHALE FROM NP-WS-31 TO NP-D10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N18	HAUL SHALE FROM NP-WS-03 TO NP-D3	\$83,873.00	\$70,942.80	\$15,259.07	\$55,683.53	\$12,930.40	85%	100%	\$21,662.47
2E3N19	HAUL SHALE FROM NP-WS-03 TO NP-D2	\$81,152.00	\$73,155.14	\$15,645.08	\$57,510.06	\$7,996.86	90%	100%	\$16,617.94
2E3N20	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3N21	HAUL SHALE FROM NP-WS-03 TO NP-D1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	NP COVER PLACEMENT SUBTOTAL	\$1,548,549.13	\$1,054,295.30	\$222,998.27	\$831,297.03	\$494,253.83	68%	0%	\$243,562.64
2E3S01	SOIL BORROW SP-OP-35(SP-D1)FROM SP-SB	\$176,082.00	\$25,678.46	\$6,672.17	\$19,206.29	\$150,203.54	15%	35%	\$69,121.89
2E3S02	SOIL BORROW SP-WS-17(SP-D2)FROM SP-SB	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S03	SOIL BORROW SP-D3 FROM SP-SB-44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S04	HAUL SOIL FROM SP-SB-42 TO SP-D4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S05	HAUL SOIL FROM SP-SB-42 TO SP-D5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S06	HAUL SOIL FROM SP-SB-42 TO SP-D6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S07	HAUL SOIL FROM SP-SB-42 TO SP-D7	\$300,496.00	\$738.31	\$129.84	\$908.47	\$299,756.69	0%	0%	\$0.00
2E3S08	SOIL BORROW (D8) FROM SP-SB-44	\$425,531.00	\$1,436.71	\$235.59	\$1,201.12	\$424,094.29	0%	0%	\$0.00
2E3S09	SOIL BORROW (D9) FROM SP-SB-42	\$446,808.00	\$103,416.10	\$35,944.49	\$67,471.61	\$343,391.90	23%	35%	\$254,031.97
2E3S10	HAUL SOIL FROM SP-SB-42 TO SP-D10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S11	SOIL BORROW (SP-D11) FROM SP-SB-42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E3S12	SOIL BORROW (SP-D12) FROM SP-SB-43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	BORROW (SP-D1B) FROM SP-SB-50	\$262,362.00	\$3,406.33	\$667.85	\$2,738.48	\$258,955.67	0%	0%	\$0.00
	BORROW (SP-13A)FROM SP-WS-17	\$26,370.00	21,577.46	\$4,603.27	\$16,974.19	\$4,795.81	82%	0%	\$5.81

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# DETAIL FOR PTD

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E4S02	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4S03	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4S04	SP-CS-33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4S05	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4S06	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4S07	COMPLETED 1990 (SP-CS-62/32 TO SP-OP-35)	\$11,432.00	\$23,146.83	\$5,917.38	\$17,229.45	(\$11,714.83)	202%	100%	(\$8,940.45)
	SP CONTAMINATED SOIL SUBTOTAL	\$174,065.00	\$134,326.94	\$31,245.07	\$103,081.87	\$39,738.06	77%	50%	(\$14,641.97)
2E4J01	HAUL CS FROM JP-CS-36 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4J02	HAUL CS FROM JP-CS-38/37 TO JP-OP-41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4J03	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E4J04	HAUL CS FROM JP-CS-39 TO JP-OP-42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP CONTAMINATED SOIL SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

2E4	CONTAMINATED SOIL CA TOTAL	\$371,599.00	\$314,942.47	\$72,860.71	\$242,291.76	\$58,626.53	85%	70%	\$27,452.30
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## HIGHWALL RECLAIM

2E5N01	TRIM NP HIGHWALLS	\$78,967.00	\$1,005.98	\$190.14	\$815.82	\$77,961.04	1%	1%	(\$16,479.00)
2E5N02	SCALE NP HIGHWALLS	\$82,262.00	\$0.00	\$0.00	\$0.00	\$82,262.00	0%	0%	\$0.00
	NP HIGHWALL SUBTOTAL	\$0.00	\$1,005.98	\$190.14	\$815.82	\$140,223.04	0%	5%	(\$16,479.00)
2E5S01	TRIM SP HIGHWALLS	\$77,047.00	\$29,180.84	\$0.00	\$29,180.84	\$47,866.38	38%	50%	\$4,861.72
2E5S02	SCALE SP HIGHWALLS	\$76,489.00	\$29,180.83	\$0.00	\$29,180.83	\$46,308.37	39%	50%	\$15,897.74
	SP HIGHWALL SUBTOTAL	\$152,516.00	\$58,321.27	\$0.00	\$58,321.27	\$94,194.73	38%	44%	\$20,759.46
2E5J01	TRIM JP HIGHWALLS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E5J02	SCALE JP HIGHWALLS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP HIGHWALL SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

2E5	HIGHWALL CA TOTAL	\$152,516.00	\$59,327.23	\$190.14	\$59,137.09	\$234,417.77	39%	40%	\$4,280.46
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## EROSION CONTROL

2E6NO1	DELETED 1990 (EROSION ROCK)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E6NO2	DELETE RIO MOQUINO CHANNEL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E6NO3	DELETED 1990 (BEDDING MATERIAL)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	RIO MOQUINO AND NP DITCH SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

2E6X01	DELETED 1990 (QUARRY ROCK)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2E6X02	DELETED 1990 (PROCESS ROCK)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	ROCK SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00

2E6	EROSION CONTROL CA TOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
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2E	EARTHWORK TASK TOTAL	\$14,311,487.81	\$8,276,026.09	\$1,768,171.01	\$6,617,855.08	\$6,223,658.52	58%	57%	\$2,816,074.01
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## UG ENTRIES ABAN

2S1N01	SEAL PW 2/3 UG ENTRY: NP SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	100%	\$0.00
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P-13 ADIT		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
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POL-EPA01-0003296



# DETAIL FOR PTD

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	PTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2R1N02	PREPARE BED & SEED NP SLOPE AREAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	NP SEEDING SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R1S01	PREPARE BED & SEED SP FLAT AREAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R1S02	PREPARE BED & SEED SP SLOPE AREAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R1S03	COMPLETE 1990 (RESEED AT HOUSING AREA)	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
	SP SEEDING SUBTOTAL	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
2R1J01	PREPARE BED & SEED JP FLAT AREAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R1J02	PREPARE BED & SEED SP SLOPE AREAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
	JP SEEDING SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R1	SEEDING CA SUBTOTAL	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
<b>IRRIGATION</b>									
2R2N01	DELETED 1990 (IRRIGATION)	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R2S01	DELETED 1990 (IRRIGATION)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R2J01	DELETED 1990 (IRRIGATION)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R2	IRRIGATION CA SUBTOTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2R	REVEGETATION TASK TOTAL	\$54,917.00	\$31,304.00	\$0.00	\$31,304.00	\$23,613.00	57%	100%	\$23,613.00
<b>TERRACING</b>									
2T1N01	TERRACING NP AREA: 1200 LF								
2T1S01	TERRACING SP AREA: 19100 LF								
2T1J01	TERRACING JP AREA: 29000 LF								
2T1	TERRACING CA SUBTOTAL								
<b>SPECIAL CASES</b>									
2T2S01	CUT SP-SW-06 SLOPES - OAK CANYON								
2T2J01	CUT JP-WS-01 SLOPES - GAVILAN								
2T2J02	CUT JP-WO-14 SLOPES - RIO MOQUINO								
2T2J03	CUT JP-WO-03A/3B/4A/4B SLOPES								
2T2J04	CUT NORTH JP-WS-19 BENCHES								
2T2N01	CUT JP-WO-01 BENCHES - RIO MOQUINO								
2T2	SPECIAL CA SUBTOTAL								
2T	TERRACING/SPECIAL TASK	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	\$0.00
2	CONSTRUCTION TOTAL	\$17,875,105.81	\$11,066,215.12	\$1,866,942.89	\$9,197,272.43	\$6,712,983.87	63%	63%	\$3,000,807.10

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POL-EPA01-0003298

# DETAIL FOR PY91

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
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<b>POL MGMT</b>				
1P1L01	PROJECT MANAGEMENT - PY90	\$0.00	\$0.00	\$0.00
1P1L01A	PROJECT MANAGEMENT - PY91	\$67,924.01	\$0.00	\$67,924.01
1P1L01B		\$0.00	\$0.00	\$0.00
1P1L01C		\$0.00	\$0.00	\$0.00
1P1L01D		\$0.00	\$0.00	\$0.00

1P1	POL MANAGEMENT CA TOTAL	\$67,924.01	\$0.00	\$67,924.01
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<b>A/E</b>				
1P2L01	PRIOR DESIGN AND SPECIFICATIONS	\$0.00	\$0.00	\$0.00
1P2L02	PRIOR LEGAL EXPENSE	\$0.00	\$0.00	\$0.00
1P2L03	PRIOR POL EXPENSE	\$0.00	\$0.00	\$0.00

1P2	ENGINEERING CA TOTAL	\$0.00	\$0.00	\$0.00
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1P	POL MANAGEMENT TASK TOTAL	\$67,924.01	\$0.00	\$67,924.01
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<b>CMC</b>				
1C1L01	ENGINEERING SERVICES CONTRACT - PY90	\$0.00	\$0.00	\$0.00
1C1L01A	ENGINEERING SERVICES CONTRACT - PY91	\$150,301.59	\$0.00	\$150,301.59
1C1L03	NO WORK PACKAGE ASSIGNED TO THIS WBS	\$0.00	\$0.00	\$0.00
1C1L04	NO WORK PACKAGE ASSIGNED TO THIS WBS	\$0.00	\$0.00	\$0.00
1C1L05	ENVIRONMENTAL MONITORING: PY90	\$0.00	\$0.00	\$0.00
1C1L05A	ENVIRONMENTAL MONITORING: PY91	\$87,088.21	\$0.00	\$87,088.21

1C1	CONSTRUCTION MANAGEMENT CA TOTAL	\$237,389.80	\$0.00	\$237,389.80
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<b>INTERIM CMC</b>				
1C2L01	COMPLETE 1989 (CONST. MGMT.)	\$0.00	\$0.00	\$0.00
1C2L02	COMPLETE 1989 (CMC PURCHASES)	\$0.00	\$0.00	\$0.00
1C2L03B	COMPLETE 1990 (ENV. MONITORING)	\$0.00	\$0.00	\$0.00

1C2	INTERIM CMC CA TOTAL	\$0.00	\$0.00	\$0.00
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<b>CONTINGENCY</b>				
1C3L01	MITIGATION PER CO-OP AGREEMENT	\$0.00	\$0.00	\$0.00
1C3L02	REVEGETATION PER CO-OP AGREEMENT	\$0.00	\$0.00	\$0.00

1C3	CO-OP AGREEMENT CONTINGENCY CA TOTAL	\$0.00	\$0.00	\$0.00
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1C	CONSTRUCTION MANAGEMENT TASK TOTAL	\$237,389.80	\$0.00	\$237,389.80
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CONFIDENTIAL

POL-EPA01-0003299

# DETAIL FOR PY91

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
1	MANAGEMENT TOTAL	\$305,313.81	\$0.00	\$305,313.81

<b>LCC ADMIN</b>				
2L1L01	COMPLETE 1990 (LCC G&A)	\$0.00	\$0.00	\$0.00
2L1L02	DELETED 1990 (LCC MARGIN)	\$0.00	\$0.00	\$0.00

2L1	LCC COSTS CA TOTAL	\$0.00	\$0.00	\$0.00
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2L2L01	COMPLETE 1990 (LCC MOB. G&A)	\$0.00	\$0.00	\$0.00
2L2L02	LCC INSURANCE: INTERIM - PY90	\$0.00	\$0.00	\$0.00
2L2L02A	LCC INSURANCE: INTERIM - PY91	\$108,711.00	\$0.00	\$108,711.00
2L2L03	COMPLETE 1990 (LCC ADMIN COSTS)	\$0.00	\$0.00	\$0.00

2L2	LCC START-UP COSTS CA TOTAL	\$108,711.00	\$0.00	\$108,711.00
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2L	LCC ADMINISTRATION TASK TOTAL	\$108,711.00	\$0.00	\$108,711.00
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<b>MOBILIZATION</b>				
2M1L01	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2M1L05	COMPLETE 1990 (SMALL TOOLS)	\$0.00	\$0.00	\$0.00
2M1L06	COMPLETE 1990 (REMODELING)	\$0.00	\$0.00	\$0.00
2M1L07	COMPLETE 1990 (RECONDITIONING)	\$0.00	\$0.00	\$0.00
2M1L08	COMPLETE 1990 (SHOPS)	\$0.00	\$0.00	\$0.00
2M1X01	BARRICADING ROAD CLOSURE	\$14,116.43	\$28.62	\$14,086.81

2M1	MOBILIZATION CA TOTAL	\$14,116.43	\$28.62	\$14,086.81
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<b>LAND SURVEY</b>				
2M2N01	LAND SURVEY NP AREA	\$0.00	\$0.00	\$0.00
2M2S01	LAND SURVEY SP AREA	\$45,928.74	\$1,113.67	\$44,813.07
2M2J01	LAND SURVEY JP AREA	\$0.00	\$0.00	\$0.00
		\$0.00	\$0.00	\$0.00
2M2	LAND SURVEY CA TOTAL	\$45,928.74	\$1,113.67	\$44,813.07

<b>TRAINING</b>				
2M3L01	COMPLETE 1990 (MOB. OP. TRAINING)	\$0.00	\$0.00	\$0.00
2M3L02	OPERATOR TRAINING: EARTHWORK - PY90	\$0.00	\$0.00	\$0.00
2M3L02A	OPERATOR TRAINING: EARTHWORK - PY91	\$15,271.12	\$0.00	\$15,271.12

2M3	LCC TRAINING CA TOTAL	\$15,271.12	\$0.00	\$15,271.12
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2M	MOBILIZATION TASK TOTAL	\$75,313.29	\$1,142.29	\$74,171.00
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<b>CONFIDENTIAL</b>				
ETE 1990 (NP HAUL ROADS)		\$0.00	\$0.00	\$0.00

POL-EPA01-0003300

# DETAIL FOR PY91

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2E1N02	HAUL TO NP PIT: NP-PS-17	\$483,746.45	\$114,685.12	\$369,061.33
2E1N03	COMPLETED 1990 (NP-PS-18)	\$77,712.19	\$0.00	\$77,712.19
2E1N04	COMPLETED 1990 (NP-PS-14)	\$44,766.41	\$0.00	\$44,766.41
2E1N05	COMPLETED 1990 (NP-PS-15)	\$36,934.27	\$0.00	\$36,934.27
2E1N06	COMPLETED 1990 (NP-PS-16)	\$46,910.41	\$0.00	\$46,910.41
2E1N07	COMPLETE 1990 (SP-PS-01)	\$110,546.42	\$0.00	\$110,546.42
2E1N08	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E1N09	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E1N10	HAUL TO NP PIT: NP-WT-10	\$34,305.13	\$7,136.63	\$27,168.50
2E1N11	COMPLETE 1990 (NP-PS-13)	\$0.00	\$0.00	\$0.00
2E1N12	COMPLETE 1990 (NP-WS-19)	\$0.00	\$0.00	\$0.00
	NP BACKFILLING SUBTOTAL	\$837,921.28	\$121,821.65	\$716,099.63
2E1S01	CONSTRUCT SP HAUL ROADS	\$0.00	\$0.00	\$0.00
2E1S02	HAUL SP-PS-02 TO SP-OP-34	\$33,836.79	\$4,767.60	\$29,069.19
2E1S03	SP-PS-02 ADDITIONAL VOLUME	\$46,888.00	\$0.00	\$46,888.00
	SP BACKFILLING SUBTOTAL	\$80,724.79	\$4,767.60	\$75,957.19
2E1J01	CONSTRUCT JP HAUL ROADS & RAMPS	\$0.00	\$73.13	(\$73.13)
2E1J02	HAUL JP-PS-23 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J03	HAUL JP-PS-24 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J04	HAUL JP-PS-25 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J05	HAUL JP-PS-26 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J06	HAUL JP-WO-10 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J07	HAUL JP-PS-27 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J08	HAUL JP-WO-07 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J09	HAUL JP-WO-12 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J10	HAUL JP-WS-08 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J11	HAUL JP-WS-15 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J12	HAUL JP-WO-71 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J13	HAUL JP-WO-03 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E1J14	HAUL JP-WS-13/WO-20 TO JP-OP-42	\$0.00	\$0.00	\$0.00
2E1J15	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
	JP BACKFILLING SUBTOTAL	\$0.00	\$73.13	(\$73.13)

2E1	BACKFILLING CA TOTAL	\$918,646.07	\$126,662.38	\$791,983.69
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DUMP SLOPING				
2E2N01	DELETED 1990 (NP-WO-01)	\$0.00	\$0.00	\$0.00
2E2N02	CUT SLOPES NP-WO-02(BENEATH NP-PS-17)	\$12,330.04	\$2,255.93	\$10,074.11
2E2N03	CUT NP-WS-03 SLOPES	\$15,851.29	\$2,797.89	\$13,053.40
2E2N04	COMPLETE 1990 (NP-WO-04)	\$4,847.78	\$0.00	\$4,847.78
2E2N05	CUT NP-WO-06 SLOPES	\$0.00	\$0.00	\$0.00
2E2N06	CUT NP-WT-09 SLOPES	\$0.00	\$0.00	\$0.00
2E2N07	REGRADE NP-DN-22	\$13,811.49	\$2,440.85	\$11,370.64
2E2N08	CUT NP-WM-12 SLOPES	\$4,993.22	\$907.31	\$4,085.91
2E2N09	COMPLETE 1990 (NP-HW-25)	\$8,618.57	\$0.00	\$8,618.57
	IP SLOPING SUBTOTAL	\$60,452.39	\$8,401.98	\$52,050.41
	DELETED 1990 (SP-WO-13A/WO-10)	\$19,406.30	\$0.00	\$19,406.30

CONFIDENTIAL

POL-EPA01-0003301

# DETAIL FOR PY91

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2E2S02	CUT SP-W8-17 SLOPES	\$0.00	\$0.00	\$0.00
2E2S03	CUT SP-WO-13B/W8-18A SLOPES	\$235,472.08	\$50,182.10	\$185,310.88
2E2S04	COMPLETE 1990 (SP-WO-14)	\$15,285.64	\$0.00	\$15,285.64
2E2S05	CUT SP-W8-18B SLOPES	\$0.00	\$0.00	\$0.00
2E2S06	COMPLETED 1990 (SP-W8-18C/WT-19)	\$30,224.45	\$0.00	\$30,224.45
2E2S07	COMPLETED 1990 (SP-WT-03)	\$12,352.80	\$0.00	\$12,352.80
2E2S08	DELETED 1990 (SP-WT-05)	\$0.00	\$0.00	\$0.00
2E2S09	COMPLETE 1990 (SP-WO-38)	\$738.78	\$0.00	\$738.78
2E2S10	DELETED 1990 (SP-W8-06)	\$0.00	\$0.00	\$0.00
2E2S11	COMPLETE 1990 (SP-WT-19A)	\$13,474.35	\$0.00	\$13,474.35
2E2S12	COMPLETED 1990 (SP-WM-12/W8-11)	\$6,323.55	\$0.00	\$6,323.55
2E2S13	DELETED 1990 (SP-WT-15A/15B)	\$0.00	\$0.00	\$0.00
2E2S14	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2S15	COMPLETE 1990 (SP-WT-18/WT-37)	\$10,429.58	\$0.00	\$10,429.58
2E2S16	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2S17	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2S18	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2S19	COMPLETED 1990 (SP-MISCELLANEOUS SLOP SP DUMP SLOPING SUBTOTAL	\$1,389.88	\$0.00	\$1,389.88
		\$345,098.25	\$50,182.10	\$294,936.15
2E2J01	CUT JP-WO-11 SLOPES	\$0.00	\$0.00	\$0.00
2E2J02	CUT JP-WT-18D SLOPES	\$0.00	\$0.00	\$0.00
2E2J03	CUT JP-W8-17 SLOPES	\$0.00	\$0.00	\$0.00
2E2J04	CUT JP-P8-22 SLOPES	\$0.00	\$0.00	\$0.00
2E2J05	CUT JP-WO-72 SLOPES	\$0.00	\$0.00	\$0.00
2E2J06	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J07	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J08	CUT JP-W8-01 SLOPES	\$0.00	\$0.00	\$0.00
2E2J09	DELETED 1990 (JP-WT-02A/02B/02C)	\$0.00	\$0.00	\$0.00
2E2J10	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J11	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J12	CUT JP-WO-06 SLOPES	\$0.00	\$0.00	\$0.00
2E2J13	CUT JP-W8-08/12 SLOPES	\$0.00	\$0.00	\$0.00
2E2J14	CUT JP-WO-11 SLOPES	\$207,311.35	\$37,780.55	\$169,530.80
2E2J15	CUT JP-W8-15A/15B SLOPES	\$40,628.67	\$7,385.65	\$33,241.02
2E2J16	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J17	CUT JP-W8-16A/16B/16C SLOPES	\$0.00	\$0.00	\$0.00
2E2J18	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J19	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E2J20	CUT SLOPES JP-WO-14 (NORTH SLOPES)	\$0.00	\$0.00	\$0.00
2E2J21	CUT JP-W8-19A SLOPES	\$0.00	\$0.00	\$0.00
2E2J22	CUT JP-W8-19B SLOPES	\$0.00	\$0.00	\$0.00
2E2J23	CUT JP-W8-19C SLOPES	\$0.00	\$0.00	\$0.00
2E2J24	CUT JP-WO-68 SLOPES	\$23,981.87	\$4,261.78	\$19,700.11
2E2J25	DELETED 1990 (JP-WO-70)	\$0.00	\$0.00	\$0.00
2E2J26	CUT JP-WO-18/66A SLOPES	\$0.00	\$0.00	\$0.00
	-WO-18/66B SLOPES	\$42,611.57	\$7,767.03	\$34,854.54
	-WO-18/66C SLOPES	\$0.00	\$0.00	\$0.00

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POL-EPA01-0003302



# DETAIL FOR PY91

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2E2J29	DELETED 1990 (JP-WO-03A)	\$0.00	\$0.00	\$0.00
2E2J30	DELETED 1990 (JP-WO-03B)	\$0.00	\$0.00	\$0.00
2E2J31	DELETED 1990 (JP-WO-04A)	\$0.00	\$0.00	\$0.00
2E2J32	DELETED 1990 (JP-WO-04B)	\$0.00	\$0.00	\$0.00
2E2J33	DELETED 1990 (JP-WO-05A)	\$0.00	\$0.00	\$0.00
2E2J34	DELETED 1990 (JP-WO-05B)	\$0.00	\$0.00	\$0.00
	JP DUMP SLOPING SUBTOTAL	\$314,511.48	\$57,184.99	\$257,326.47

2E2	DUMP SLOPING CA TOTAL	\$720,062.10	\$115,749.07	\$604,313.03
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## COVER PLACEMENT

2E3N01	HAUL SOIL FROM NP-SB-61 TO NP-D8	\$0.00	\$0.00	\$0.00
2E3N02	HAUL SOIL FROM NP-SB-26 TO NP-D2	\$153,598.28	\$38,403.76	\$127,194.50
2E3N03	HAUL SOIL FROM NP-SB-27 TO NP-D7	\$0.00	\$0.00	\$0.00
2E3N04	HAUL SOIL FROM NP-SB-27 TO NP-D9	\$0.00	\$0.00	\$0.00
2E3N05	HAUL SOIL FROM NP-SB-27 TO NP-D6	\$0.00	\$0.00	\$0.00
2E3N06	HAUL SOIL FROM NP-SB-61 TO NP-D9	\$0.00	\$0.00	\$0.00
2E3N07	HAUL SOIL FROM SP-DN-61 TO NP-D4	\$55,107.80	\$12,550.77	\$42,557.03
2E3N08	HAUL SOIL FROM SP-DN-61 TO NP-D1	\$101,519.33	\$9,193.66	\$92,325.67
2E3N09	HAUL SOIL FROM SP-DN-61 TO NP-D3	\$73,631.74	\$14,768.13	\$58,863.61
2E3N10	HAUL SOIL FROM SP-DN-61 TO NP-D5	\$143,728.66	\$34,067.07	\$109,661.59
2E3N11	HAUL SOIL FROM SP-DN-61 TO NP-D10	\$0.00	\$0.00	\$0.00
2E3N12	DELETED 1990 (NP-WS-31)	\$0.00	\$0.00	\$0.00
2E3N13	HAUL SHALE FROM NP-WS-31 TO NP-D9	\$25,939.30	\$4,732.41	\$21,206.89
2E3N14	SHALE BORROW TO NP-D4	\$49,144.13	\$11,382.07	\$37,762.06
2E3N15	SHALE BORROW TO NP-D5	\$98,573.44	\$23,191.46	\$73,381.98
2E3N16	HAUL SHALE FROM NP-WS-31 TO NP-D8	\$0.00	\$0.00	\$0.00
2E3N17	HAUL SHALE FROM NP-WS-31 TO NP-D10	\$0.00	\$0.00	\$0.00
2E3N18	HAUL SHALE FROM NP-WS-03 TO NP-D3	\$67,082.15	\$14,588.74	\$52,493.41
2E3N19	HAUL SHALE FROM NP-WS-03 TO NP-D2	\$13,772.87	\$3,131.57	\$10,641.30
2E3N20	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E3N21	HAUL SHALE FROM NP-WS-03 TO NP-D1	\$0.00	\$0.00	\$0.00
	NP COVER PLACEMENT SUBTOTAL	\$790,097.68	\$146,821.88	\$643,275.82

2E3S01	SOIL BORROW SP-OP-35(SP-D1)FROM SP-SB	\$10,596.97	\$3,934.77	\$6,662.20
2E3S02	SOIL BORROW SP-WS-17(SP-D2)FROM SP-SB	\$0.00	\$0.00	\$0.00
2E3S03	SOIL BORROW SP-D3 FROM SP-SB-44	\$0.00	\$0.00	\$0.00
2E3S04	HAUL SOIL FROM SP-SB-42 TO SP-D4	\$0.00	\$0.00	\$0.00
2E3S05	HAUL SOIL FROM SP-SB-42 TO SP-D5	\$0.00	\$0.00	\$0.00
2E3S06	HAUL SOIL FROM SP-SB-42 TO SP-D6	\$0.00	\$0.00	\$0.00
2E3S07	HAUL SOIL FROM SP-SB-42 TO SP-D7	\$0.00	\$0.00	\$0.00
2E3S08	SOIL BORROW (D8) FROM SP-SB-44	\$0.00	\$0.00	\$0.00
2E3S09	SOIL BORROW (D9) FROM SP-SB-42	\$50,367.81	\$24,065.79	\$26,302.02
2E3S10	HAUL SOIL FROM SP-SB-42 TO SP-D10	\$0.00	\$0.00	\$0.00
2E3S11	SOIL BORROW (SP-D11) FROM SP-SB-42	\$0.00	\$0.00	\$0.00
2E3S12	SOIL BORROW (SP-D12) FROM SP-SB-43	\$0.00	\$0.00	\$0.00
2E3S13	SOIL BORROW (SP-D13) FROM SP-SB-50	\$3,406.33	\$667.85	\$2,738.48
	BORROW (SP-13A)FROM SP-WS-17	\$21,577.46	\$4,603.27	\$16,974.19

CONFIDENTIAL

POL-EPA01-0003303

# DETAIL FOR PY91

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2E3S15	SHALE BORROW (SP-13B) FROM SP-WS-17	\$0.00	\$0.00	\$0.00
2E3S16	SHALE BORROW SP-P8-01 FROM SP-WS-07	\$50,527.87	\$11,198.26	\$39,329.62
2E3S17	SHALE BORROW (SP-14) FROM SP-WS-07	\$0.00	\$0.00	\$0.00
2E3S18	HAUL SHALE FROM SP-WS-07 TO SP-04	\$118,394.31	\$14,141.72	\$104,252.59
2E3S19	HAUL SHALE FROM SP-WS-07 TO SP-D10	\$29,498.81	\$8,504.24	\$22,872.57
2E3S20	HAUL SHALE FROM SP-WS-07 TO SP-38	\$33,974.42	\$7,175.99	\$26,798.43
2E3S21	HAUL SHALE FROM SP-WS-07 TO SP-10	\$31,850.32	\$16,581.20	\$15,269.12
	SP COVER PLACEMENT SUBTOTAL	\$350,162.30	\$88,963.08	\$261,199.22
2E3J01	HAUL SOIL FROM JP-SB-53 TO D4	\$0.00	\$0.00	\$0.00
2E3J02	HAUL SOIL FROM JP-SB-53 TO D5	\$0.00	\$0.00	\$0.00
2E3J03	HAUL SOIL FROM JP-SB-53 TO D6	\$0.00	\$0.00	\$0.00
2E3J04	HAUL SOIL FROM JP-SB-53 TO D9A	\$0.00	\$0.00	\$0.00
2E3J05	HAUL SOIL FROM JP-SB-53 TO D1	\$0.00	\$0.00	\$0.00
2E3J06	HAUL SOIL FROM JP-SB-53 TO D3	\$0.00	\$0.00	\$0.00
2E3J07	HAUL SOIL FROM JP-SB-54 TO D2	\$0.00	\$0.00	\$0.00
2E3J08	HAUL SOIL FROM JP-SB-54 TO D7	\$0.00	\$0.00	\$0.00
2E3J09	HAUL SOIL FROM JP-SB-54 TO D11	\$0.00	\$0.00	\$0.00
2E3J10	HAUL SOIL FROM JP-SB-54 TO D12	\$0.00	\$0.00	\$0.00
2E3J11	HAUL SOIL FROM JP-SB-54 TO D18	\$0.00	\$0.00	\$0.00
2E3J12	HAUL SOIL FROM JP-SB-54 TO D15	\$0.00	\$0.00	\$0.00
2E3J13	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00
2E3J14	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00
2E3J15	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00
2E3J16	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00
2E3J17	DELETED 1990 (JP-SB-54)	\$0.00	\$0.00	\$0.00
2E3J18	HAUL SHALE FROM JP-WS-19 TO D4	\$0.00	\$0.00	\$0.00
2E3J19	HAUL SHALE FROM JP-WS-15 TO D1	\$0.00	\$0.00	\$0.00
2E3J20	HAUL SHALE FROM JP-WS-15 TO D2	\$0.00	\$0.00	\$0.00
2E3J21	HAUL SHALE FROM JP-WS-15 TO D7	\$0.00	\$0.00	\$0.00
2E3J22	HAUL SHALE FROM JP-WS-15 TO D11	\$0.00	\$0.00	\$0.00
2E3J23	HAUL SHALE FROM JP-WS-15 TO D12	\$0.00	\$0.00	\$0.00
2E3J24	HAUL SHALE FROM JP-WT-02 TO D8A	\$0.00	\$0.00	\$0.00
2E3J25	DELETED 1990 (JP-WT-02)	\$0.00	\$0.00	\$0.00
2E3J26	DELETED 1990 (JP-WT-02)	\$0.00	\$0.00	\$0.00
2E3J27	DELETED 1990 (JP-WT-02)	\$0.00	\$0.00	\$0.00
2E3J28	HAUL SHALE FROM JP-WT-02 TO D16	\$0.00	\$0.00	\$0.00
2E3J29	HAUL SHALE FROM JP-WT-02 TO D16	\$0.00	\$0.00	\$0.00
	JP COVER PLACEMENT SUBTOTAL	\$0.00	\$0.00	\$0.00
2E3	COVER PLACEMENT CA TOTAL	\$1,140,259.98	\$235,784.94	\$904,475.04
CONTAM SOIL EXV				
2E4NO1	HAUL CS FROM NP-CS-23/24 TO NP-OP-20	\$88,925.10	\$20,825.16	\$68,099.94
2E4NO1A	NORTH RIO PAGUATE-EAST	\$45,481.17	\$10,334.34	\$35,146.83
2E4NO1B	NORTH RIO PAGUATE-WEST	\$45,478.72	\$10,246.14	\$35,232.58
	NP CONTAMINATED SOIL SUBTOTAL	\$179,884.99	\$41,405.64	\$138,479.35
	S-27/28/31/33/53 TO SP-OP-34	\$13,471.38	\$3,265.53	\$10,205.85

CONFIDENTIAL

POL-EPA01-0003304

# DETAIL FOR PY91

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2E4S02	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E4S03	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E4S04	SP-CS-33	\$0.00	\$0.00	\$0.00
2E4S05	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E4S06	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E4S07	COMPLETED 1990 (SP-CS-62/32 TO 6P-OP-35)	\$0.00	\$0.00	\$0.00
	SP CONTAMINATED SOIL SUBTOTAL	\$13,471.38	\$3,205.53	\$10,205.85
2E4J01	HAUL CS FROM JP-CS-36 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E4J02	HAUL CS FROM JP-CS-38/37 TO JP-OP-41	\$0.00	\$0.00	\$0.00
2E4J03	NO WORK PACKAGE ASSIGNED THIS WBS #	\$0.00	\$0.00	\$0.00
2E4J04	HAUL CS FROM JP-CS-39 TO JP-OP-42	\$0.00	\$0.00	\$0.00
	JP CONTAMINATED SOIL SUBTOTAL	\$0.00	\$0.00	\$0.00

2E4	CONTAMINATED SOIL CA TOTAL	\$193,356.37	\$44,671.17	\$148,685.20
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<b>HIGHWALL RECLA</b>				
2E5N01	TRIM NP HIGHWALLS	\$1,005.96	\$190.14	\$815.82
2E5N02	SCALE NP HIGHWALLS	\$0.00	\$0.00	\$0.00
	NP HIGHWALL SUBTOTAL	\$1,005.96	\$190.14	\$815.82
2E5S01	TRIM SP HIGHWALLS	\$0.00	\$0.00	\$0.00
2E5S02	SCALE SP HIGHWALLS	\$0.00	\$0.00	\$0.00
	SP HIGHWALL SUBTOTAL	\$0.00	\$0.00	\$0.00
2E5J01	TRIM JP HIGHWALLS	\$0.00	\$0.00	\$0.00
2E5J02	SCALE JP HIGHWALLS	\$0.00	\$0.00	\$0.00
	JP HIGHWALL SUBTOTAL	\$0.00	\$0.00	\$0.00

2E5	HIGHWALL CA TOTAL	\$1,005.96	\$190.14	\$815.82
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<b>EROSION CONTROL</b>				
2E6N01	DELETED 1990 (EROSION ROCK)	\$0.00	\$0.00	\$0.00
2E6N02	DELETE RIO MOQUINO CHANNEL	\$0.00	\$0.00	\$0.00
2E6N03	DELETED 1990 (BEDDING MATERIAL)	\$0.00	\$0.00	\$0.00
	RIO MOQUINO AND NP DITCH SUBTOTAL	\$0.00	\$0.00	\$0.00

2E6X01	DELETED 1990 (QUARRY ROCK)	\$0.00	\$0.00	\$0.00
2E6X02	DELETED 1990 (PROCESS ROCK)	\$0.00	\$0.00	\$0.00
	ROCK SUBTOTAL	\$0.00	\$0.00	\$0.00

2E6	EROSION CONTROL CA TOTAL	\$0.00	\$0.00	\$0.00
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2E	EARTHWORK TASK TOTAL	\$2,973,330.48	\$523,057.70	\$2,450,272.78
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<b>UG ENTRIES ABAN</b>				
2S1N01	SEAL PW 2/3 UG ENTRY; NP SUBTOTAL	\$0.00	\$0.00	\$0.00

CONFIDENTIAL	-13 ADIT	\$0.00	\$0.00	\$0.00
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POL-EPA01-0003305

# DETAIL FOR PY91

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2S1S02	SEAL P-10 DECLINE	\$0.00	\$0.00	\$0.00
2S1S03	COMPLETE 1990 (H-I ADIT)	\$258.18	\$58.18	\$200.00
2S1S04	SEAL VENT HOLES	\$0.00	\$0.00	\$0.00
2S1S05	COMPLETE 1990 (DRILL HOLES)	\$0.00	\$0.00	\$0.00
	SP UG ENTRIES ABANDON SUBTOTAL	\$258.18	\$58.18	\$200.00
2S1J01	SEAL JP-SS-50 ENTRIES	\$0.00	\$0.00	\$0.00
2S1J02	SEAL JP-SS-46 ENTRIES	\$0.00	\$0.00	\$0.00
	JP UG ENTRIES ABANDON SUBTOTAL	\$0.00	\$0.00	\$0.00

2S1	UG ENTRIES ABANDON CA TOTAL	\$258.18	\$58.18	\$200.00
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<b>PIT WATER</b>				
2S2N01	COMPLETE 1990 (NP PIT)	\$0.00	\$0.00	\$0.00
2S2S01	DISPOSE OF SP PIT WATER	\$0.00	\$0.00	\$0.00
2S2J01	DISPOSE OF JP PIT WATER	\$13,430.51	\$571.12	\$12,859.39
2S2	PIT WATER CA TOTAL	\$13,430.51	\$571.12	\$12,859.39

<b>SURF STRUC DEM</b>				
2S3N01	COMPLETE 1990 (NP SURF. STRUC.)	\$0.00	\$0.00	\$0.00
2S3S01	DEMOLISH SP SURFACE STRUCTURES	\$0.00	\$0.00	\$0.00
2S3J01	DEMOLISH JP SURFACE STRUCTURES	\$1,057.18	\$30.21	\$1,026.95
2S3	SS DEMOLITION CA TOTAL	\$1,057.18	\$30.21	\$1,026.95

<b>SURF STRUC DECO</b>				
2S4XY	NOT ASSIGNED	\$0.00	\$0.00	\$0.00
2S4	SS DECOM CA TOTAL	\$0.00	\$0.00	\$0.00

<b>PERM STRUC</b>				
2S5N01	CONSTRUCT PERMANENT ACCESS ROADS: NP	\$0.00	\$0.00	\$0.00
2S5N02	CONSTRUCT PERMANENT FENCES: NP AREA	\$0.00	\$0.00	\$0.00
	NP STRUCTURES SUBTOTAL	\$0.00	\$0.00	\$0.00
2S5S01	CONSTRUCT PERMANENT ACCESS ROADS: SP	\$0.00	\$0.00	\$0.00
2S5S02	CONSTRUCT PERMANENT FENCES: SP AREA	\$0.00	\$0.00	\$0.00
	SP STRUCTURES SUBTOTAL	\$0.00	\$0.00	\$0.00
2S5J01	CONSTRUCT PERMANENT ACCESS ROADS: SP	\$0.00	\$0.00	\$0.00
2S5J02	CONSTRUCT PERMANENT FENCES: SP AREA	\$0.00	\$0.00	\$0.00
	JP STRUCTURES SUBTOTAL	\$0.00	\$0.00	\$0.00

2S5J09	CONSTRUCT PERMANENT FENCES: ALL AREA	\$39,008.05	\$793.87	\$38,214.18
	ALL STRUCTURES SUBTOTAL	\$39,008.05	\$793.87	\$38,214.18

2S5	PERMANENT STRUCTURES CA TOTAL	\$39,008.05	\$863.77	\$38,344.28
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2S6	STRUCTURES TASK TOTAL	\$53,763.90	\$1,323.28	\$52,430.62
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<b>RESERVED</b>				
CONFIDENTIAL	IE BED & SEED NP FLAT AREAS	\$0.00	\$0.00	\$0.00

POL-EPA01-0003306

# DETAIL FOR PY91

MAY, 1991

WBS ID NO.	WORK PACKAGE DESCRIPTION	PY91 ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW
2R1N02	PREPARE BED & SEED NP SLOPE AREAS	\$0.00	\$0.00	\$0.00
	NP SEEDING SUBTOTAL	\$0.00	\$0.00	\$0.00
2R1S01	PREPARE BED & SEED SP FLAT AREAS	\$0.00	\$0.00	\$0.00
2R1S02	PREPARE BED & SEED SP SLOPE AREAS	\$0.00	\$0.00	\$0.00
2R1S03	COMPLETE 1990 (RESEED AT HOUSING AREA)	\$0.00	\$0.00	\$0.00
	SP SEEDING SUBTOTAL	\$0.00	\$0.00	\$0.00
2R1J01	PREPARE BED & SEED JP FLAT AREAS	\$0.00	\$0.00	\$0.00
2R1J02	PREPARE BED & SEED SP SLOPE AREAS	\$0.00	\$0.00	\$0.00
	JP SEEDING SUBTOTAL	\$0.00	\$0.00	\$0.00
2R1	SEEDING CA SUBTOTAL	\$0.00	\$0.00	\$0.00
<b>IRRIGATION</b>				
2R2N01	DELETED 1990 (IRRIGATION)	\$0.00	\$0.00	\$0.00
2R2S01	DELETED 1990 (IRRIGATION)	\$0.00	\$0.00	\$0.00
2R2J01	DELETED 1990 (IRRIGATION)	\$0.00	\$0.00	\$0.00
2R2	IRRIGATION CA SUBTOTAL	\$0.00	\$0.00	\$0.00
2R	REVEGETATION TASK TOTAL	\$0.00	\$0.00	\$0.00
<b>TERRACING</b>				
2T1N01	TERRACING NP AREA: 1200 LF	\$0.00	\$0.00	\$0.00
2T1S01	TERRACING SP AREA: 19100 LF	\$0.00	\$0.00	\$0.00
2T1J01	TERRACING JP AREA: 29000 LF	\$0.00	\$0.00	\$0.00
2T1	TERRACING CA SUBTOTAL	\$0.00	\$0.00	\$0.00
<b>SPECIAL CASES</b>				
2T2S01	CUT SP-SW-06 SLOPES - OAK CANYON	\$0.00	\$0.00	\$0.00
2T2J01	CUT JP-WS-01 SLOPES - GAVILAN	\$0.00	\$0.00	\$0.00
2T2J02	CUT JP-WO-14 SLOPES - RIO MOQUINO	\$0.00	\$0.00	\$0.00
2T2J03	CUT JP-WO-03A/3B/4A/4B SLOPES	\$0.00	\$0.00	\$0.00
2T2J04	CUT NORTH JP-WS-19 BENCHES	\$0.00	\$0.00	\$0.00
2T2N01	CUT JP-WO-01 BENCHES - RIO MOQUINO	\$0.00	\$0.00	\$0.00
2T2	SPECIAL CA SUBTOTAL	\$0.00	\$0.00	\$0.00
2T	TERRACING/SPECIAL TASK	\$0.00	\$0.00	\$0.00
2	CONSTRUCTION TOTAL	\$3,211,108.87	\$525,523.27	\$2,885,585.40

CONFIDENTIAL

POL-EPA01-0003307

## 5.2 WORK PACKAGE DISCUSSION

<u>WP#</u>	<u>DESCRIPTION</u>	<u>REMARKS</u>
1P1L01	POL Project Management	on-going;
1C1L05A	Environmental Monitoring	on-going;
1C1L01	Engineering/Consulting Services	Landmark phased out; Engineering completed; sub-contracting other services directly to POL;
2M2N01	Surveying	on-going;
2M3L02	Operator Training	on-going as needed;
2E2S02/03	Cut S. Paguate slopes	on-going;
2E5N01/02	Trim/scale highwalls	Pending decision from POL-Council;
2S5J09	Site Fencing	In-progress;
2S1S04	Seal Vent holes	Two remaining in Jackpile area; will be done with upcoming dozer work in the area;
2S1S02	Seal P-10 portal	Pending building dismantling;
2S3S01	Demolish S. Paguate buildings	by 6/30/91 pending any other decisions on final building disposition;
2S2J01	Dewater Jackpile Pit	On-going for dust control;
2E2J14	Slope JP-WO-11	substantially complete; final east slope pending removal of protore;
2E3N09	Haul soil to NP-D3	complete;
2E3N02	Haul soil to NP-D2	complete;
2E4N01	Haul CS-23/24 to pit	In-progress;

## 5.2 WORK PACKAGE DISCUSSION (continued)

<u>WP#</u>	<u>DESCRIPTION</u>	<u>REMARKS</u>
2E3N13	Shale to NP-D9	Small area in NW corner to be done later;
2E3S21	Shale to SP-10	Substantially complete;
2E3S09	Soil to D9	Substantially complete;
2E3N07	Soil to NP-D4	Substantially complete;
2E1S02	SP-PS-02	Substantially complete;
2E1S03	SP-PS-02 (extra volume)	Substantially complete;
2E3S01	Soil to SP-D1	In-progress;
2E3S20	Shale to SP-WO-38 area	Substantially complete;
2E3N08	Soil to NP-D1	Substantially complete;
2E1J01	Jackpile haul roads	On-going;
2E2J24	Slope JP-WO-66	In-progress;
2E2J27	Slope JP-WO-18/66B	In-progress;
2E3S07	Soil from SP-SB-42	In-progress;
2E3S09	Soil to SP-D9	In-progress;
2E3S13	Soil to SP-D18	In-progress;
2E3S14	Shale to SP-13A	Substantially complete;
2E3S19	Shale to SP-D10	Substantially complete;
2E3S20	Shale to SP-38	Substantially complete; area larger than original estimate;
2E3S21	Shale to SP-10	Substantially complete;

### 5.3 WORK PACKAGE CLOSEOUTS

- 1) New items submitted by LCC, Inc. for Final Inspection/Closeout

NONE for May, 1991

- 2) New items submitted by Pueblo of Laguna to BIA for Final Closeout:

NONE for May, 1991



#### 5.4 CHANGE ORDER SUMMARY

One Change Order and the creation of a new Work Package were needed to handle the volume overruns in removing the protore pile SP-PS-02 to meet the gamma radiation specification for the Project.

<u>WORK PACKAGE #</u>	<u>DESCRIPTION</u>	<u>ORIGINAL PRICE</u>	<u>NEW NEW TARGET PRICE</u>
2E1S02	SP-PS-02 to pit	\$103,002	\$120,309.99
2E1S03	Additional Volume for SP-PS-02 to pit	new	\$ 46,888.00

## 5.5 PROJECT-TO-DATE CLOSEOUT SUMMARY

AS OF MAY, 1991

<u>WORK PACKAGE NUMBER</u>	<u>DESCRIPTION</u>	<u>MONTH CLOSED</u>
2L2L01	G & A (Mobilization)	2/90
2M1L05	Purchase Small Tools	2/90
2M1L06	Remodel Project Offices	2/90
2M1L07	Recondition Jobsite	2/90
2M1L08	Set Up Shop Facilities	2/90
2M3L01	Operator Training (Mobilization)	2/90
2E1N11	Relocate NP-PS-13 to Pit	2/90
2E1N12	Cut slopes NP-OP-19	2/90
2S1N01	Seal PW-2/3 Adit	2/90
2S1S03	Seal H-1 Adit	2/90
2S1S05	Plug Drill Holes	2/90
2S3N01	Demolish N. Paguate Structures	2/90
2E2S09	Cut SP-WO-38 slopes	2/90
2E2S04	Cut SP-WO-14 slopes	2/90
2E1N04	Haul NP-PS-14 to pit	2/90
1C2L01 & 02	Interim CMC (Mobilization)	4/91
2S2N01	Dewater N. Paguate Pit	7/90
2M2N01	Land Surveying-N. Paguate	7/90
2E1N01	Build N. Paguate Haul Roads	11/90
1P1L01	RPM Office-1st Year Plan	11/90
1C1L05 & 02B	Environmental Monitoring-1st Year Plan	11/90
1C1L01	CMC & Consulting Services-1st Year Plan	11/90
2L2L02	LCC Insurance-Interim Work	11/90
2L1L01	LCC G & A-1st Year Plan	11/90
2S2S01	Dewater S. Paguate Pit	11/90
2E1N03	NP-PS-18 to N. Paguate Pit	11/90
2E1N05	NP-PS-15 to N. Paguate Pit	11/90
2E1N06	NP-PS-16 to N. Paguate Pit	11/90
2E1N07	SP-PS-01 to N. Paguate Pit	11/90
2E2N04	Slope NP-WO-04	11/90
2E2N09	Slope NP-HW-25	11/90
2E2S01	Slope SP-WO-13A/WO-10	11/90
2E2S06	Slope SP-WS-18C/WT-19	11/90
2E2S07	Slope SP-WT-03	11/90
2E2S11	Slope SP-WT-19A	11/90
2E2S12	Slope SP-WM-12	11/90
2E2S15	Slope SP-WT-16/37	11/90
2E2S19	Misc. S. Paguate Sloping	11/90
2E4S07	Cleanup SP-CS-62/33	11/90

## **6.1 PERFORMANCE MEASUREMENT DISCUSSION**

Cash flows continue to track as projected. Approximately 12.6 million cubic yards have been moved to-date or about 38% of the original baseline estimate. The project continued to run about 45 weeks ahead of the original baseline schedule. Minimization of the outside consulting services will have positive cash flow implications for the remainder of the Project.

**6.2 VARIANCE AND VARIANCE EXPLANATIONS**

**None for May, 1991**

7.0 APPENDIX A: SPECIAL REPORTS/PLANS

TABLE OF CONTENTS

- 1) Marvin Sarracino-Reclamation Technician}  
Victor Sarracino-Reclamation Technician} Pueblo of Laguna  
*Monthly Inspection Report-May, 1991*

# Jackpile Reclamation Project

## PUEBLO OF LAGUNA

P.O. BOX 194

Office of

Reclamation Project Manager

LAGUNA, NEW MEXICO 87028

(505) 243-761

(505) 552-668

(505) 552-668

Date: June 4, 1991

To: Jim Olsen, Jr., P.E.- RPM

From: Victor A. Sarracino and Marvin Sarracino  
Reclamation Technicians I and II

Ref: Inspection Report, Month of May, 1991

The weather for this month was not a factor on the operations of the Laguna Construction Company. However rain did cause an early shutdown one day.

The scrapers finished hauling protore from SP-PS-02 to SP-OP-34. The shale haul started from SP-WS-17 to SP-WO-13 and SP-WO-10 but temporarily interrupted to haul shale from SP-WS-07 to SP-PS-02. The shale haul was completed to SP-PS-02 and the scrapers resumed to haul shale to SP-WO-13 and SP-WO-10. They should be completed by the end of the month and will be moving to SP-OP-35 to haul top soil.

The trucks were hauling top soil from SP-DN-51 to NP-D2 and were briefly interrupted to haul some contaminated soil from a haul road into SP-OP-34. The trucks then returned to hauling top soil from SP-DN-51 to NP-D1, NP-D2 and NP-D4. Upon completion the trucks started to haul top soil from SP-SB-42 to SP-PS-02 and SP-WO-04 and will remain there until June. A stockpile of top soil was also hauled to NP-D4.

The dozers were split up sloping on JP-WO-11, JP-WO-18, JP-WS-19, SP-WO-13 and SP-PS-02. Disking was in process at SP-PS-02 then top soil was being pushed at NP-D1, NP-D2, NP-D3, SP-PS-02, SP-DN-51 and SP-SB-42.

Weather Station is still running and will be replaced as soon as possible. Collection of data is still in process. Purchase of a new weather station is pending until we hear from Qualimetrics.

The air station results are pending from TMA/Eberline due to transfer of contracts and purchase orders. One pump has been repaired and the others are being moved around. This month the pumps ran fairly well.

Gamma surveys continue to read below twice background in the buildings and in the field. TMA\Eberline continued to do swipe tests on fence posts and railroad ties prior to release. A gamma survey was also conducted by Eberline on the haul road SP-SS-28 results pending.

The thickness of the shale cover on SP-PS-02 averaged 12.7 inches per acre and SP-CS-38 averaged 12 inches per acre. There has been no other shale covering this month.

Inspection Report for May cont.

The top soil cover on NP-D2 and NP-D3 has an average thickness of 21.0 inches per acre. No other top soil thickness was checked this month.

The updating of Spreadsheets, Eberline results and other Inspection log entries are being maintained in the computer as work progresses.

Special Case:

1. RGM-2 unit, calibration in progress.  
Ludlum meter calibrated by Jim Woods/Eberline.
2. Ground and surface water sampling was done by Assagai labs.  
Also tested was the well behind the JRP office for bacteria.
3. Aerial photos taken by Thomas R. Mann and prints recieved.
4. Accident: Scraper turned over with no injuries to operator.

FILE: INSPMV5.DOC